In the Claims:

1. (currently amended) A composition for transdermal administration of at least one therapeutically active compound or nutrient, said composition consisting of:

at least one item selected from the group consisting of at least one therapeutically active compound and at least one nutrient;

a non-oily emulsion which is a mixture of lecithin, bile salts and cholesterol in water, wherein the ratio by weight of lecithin, bile salts and cholesterol is 2:1:1; and

an optional organic sulfur compound.

2. (previously presented) The composition for transdermal administration according to claim 1, wherein said at least one therapeutically active compound and said at least one nutrient is an ionic compound.

3. (previously presented) The composition for transdermal administration according to claim 2, wherein the ionic compound is a metal ion.

4. (previously presented) The composition according to claim 1, wherein said at least one therapeutically active compound is a polypeptide.

5. (previously presented) The composition according to claim 4, wherein said polypeptide has a molecular weight of up to 7000 Dalton.

6. (previously presented) The composition according to claim 1, wherein said at least one therapeutically active compound is selected from the group consisting of antiparasitic agents, anthelmintic drugs and antibiotic drugs, used for the treatment of humans, livestock or domestic animals.

7. (canceled)

8. (previously presented) The composition according to claim 1, wherein said lecithin is present in said non-oily emulsion in an amount of 2–15 % (w/v), said bile salts are present in said non-oily emulsion in an amount of 2-15 % (w/v), and said cholesterol is present in said non-oily emulsion in an amount of 2–15 % (w/v).

9. (canceled)

10. (previously presented) The composition according to claim 8, wherein the sum of the amounts of lecithins, bile salts and cholesterol constitutes 6-30 % (w/v) of the non-oily emulsion.

11. (canceled)

12. (previously presented) The composition according to claim 11, wherein the organic sulfur compound is present in said composition in an amount of 2-30 % (w/v), in relation to the non-oily emulsion.

13. (previously presented) The composition according to claim 11, wherein the organic sulfur compound is selected from the group consisting of dimethylsulfoxide, methylsulfonylmethane, 2,3-dimethylsulfolane, 2,4-dimethylsulfolane and sodium lauryl sulfate.

14. (canceled)

15. (canceled)

16. (previously presented) The composition according to claim 12, wherein the organic sulfur compound is present in said composition in an amount of 4-25% (w/v), in relation to said non-oily emulsion.

17. (previously presented) A method for manufacturing a cream, gel, lotion, suppository, ointment or patch (transdermal therapeutic system), wherein a composition according to claim 1 is used, comprising the step of soaking said cream, gel, lotion, suppository, ointment or patch with an emulsion of the composition according to claim 1.

18. (currently amended) A method for transdermal administration of therapeutically active compounds or nutrients, wherein a composition ~~according to claim 1~~ consisting of at least one item selected from the group consisting of at least one therapeutically active compound and at least one nutrient, a non-oily emulsion which is a mixture of lecithin, bile salts and cholesterol in water, and an optional organic sulfur compound is used, said method comprising the step of soaking a cream, gel, lotion, suppository, ointment or patch with an emulsion of [[the]] said composition ~~according to claim 1~~ and applying said cream, gel, lotion, suppository, ointment or patch having said emulsion of [[the]] said composition ~~according to claim 1~~ to a subject.